

TERSKIKH, V.I.; CHERNUKHA, Yu.G.; KOKOVIN, I.L.; KUZ'MINA, R.M.; PRUDNIKOVI, M.N.; SORINA, A.M.; ZANEGINA, P.T.

Regional epidemiology of leptospiroses in Smolensk Province. Zhur. mikrobiol. epid. i immun. 31 no.7:123-127 Jl '60. (MIRA 13:9)

1. Iz Instituta epidemiologii i mikrobiologii im. Gamalei AMN SSSR i Smolenskoy oblastnoy sanitarno-epidemiologicheskoy stantsii. (SMOLENSK PROVINCE-LEPTOSPIROSIS)

GLAZKOV, Ye.N.; KUZ'MINA, R.N.; CHAZOVA, L.A.; CHERDYNTSEV, I. Ye.

Combined systems for dressing copper-bismuth ores of Central Asia. Izv. AN Uz. SSR. Ser. tekh. nau. 9 no. 6:40-43 165
(MIRA 19:1)

1. Sredazniprotsvetmet. Submitted May 20, 1965.

TOUC MINA, TO Y.	
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ZAYEV, N.Ye., inzh.; KUZ'MINA, R.P., inzh.

Some properties of charged solid dielectrics. Elektrotekhnika
36 no.4:41-43 Ap '65. (MIRA 18:5)

一个方面的社会的时间是这种的时间,那些对象的特别的社会的原因的。 医阿特格氏试验检验检验

KUZ'MINA, Rita Favlovna; ZYUZENKOV, I.P., red.; ATROS. "MENKO, L.Ye., tekhnored."

[Lighter than cork, stronger than metal; plastic materials and their uses] Legche probki, prochnee metalla; plastmassy i ikh primenenia. Moskva, Isd-vo "Ananie," 1960. (Vsesoiusnoe obshohestvo po rasprostraneniu politicheskikh i nauchnykh snenii. Ser.10, Molodeshnaia, no.3). 31 p. (MIRA 13:4) (Flastics)

KUVAYEV, N.N., kand.tekhn.nauk; KUZ'MINA, R.V., inzh.; MOZHZHERIN, V.M., inzh.

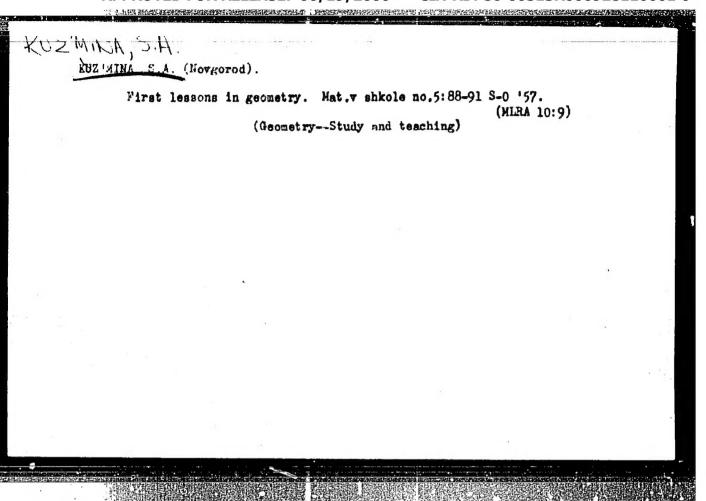
Stability of pit edges at the Central Mining and Ore Dressing Combine. Gor.zhur. no.12:8-9 D '63. (MIRA 17:3)

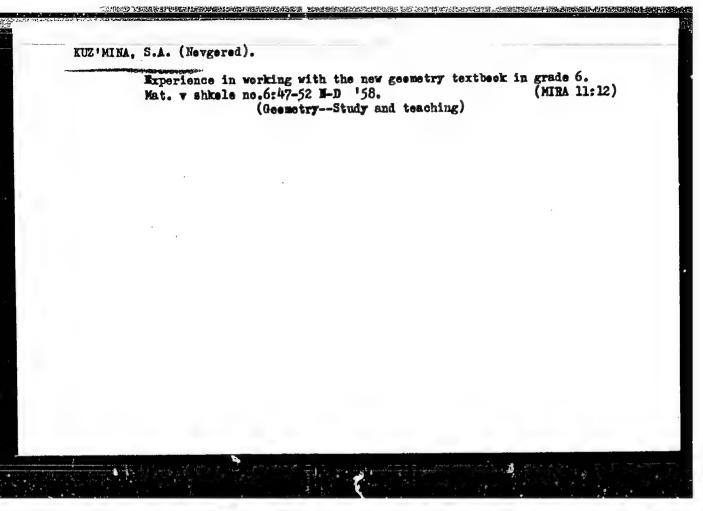
1. Krivorozhskiy opornyy punkt Vsesoyuznogo nauchno-issledovatel's-kogo marksheyderskogo instituta.

KUVAYEV, N.N., kand. tekhn. nauk; KUZ'MINA, R.V.

Insuring the stability of strip mine slopes at the Southern
Mining and Ore Dressing Combine. Met. i gornorud. prom.
no.1:49-50 Ja-F '65. (MIRA

(MIRA 18:3)





Test problems for the geometry course in the 6th grade. Mat.v shkole no.4:44-51 Jl-Ag '59. (MIRA 12:11)

(Geometry--Problems, Exercises, etc.)

KUZ'MINA, Serafima Aleksayevns; FRTISOV, A.I., red.; GUS'KOV, G.G., red.;
SHAPOSHNIKOVA, A.A., red.; HOVOSHOVA, V.V., tekhn, red.

[Demonstrating theorems in the 6th grade geometry course] 0 dokazatel'stve teorem v kurse geometri VI klassa. Pod red. A.I.
Fetisova. Moskva, Izd-vo Akad.pedagog.nauk RSVSR, 1960. 49 p.

(Geometry.—Study and teaching)

(Geometry.—Study and teaching)

HEDZVETSKIY, S.V.; KUZ'MINA, S.N.

Structure of lipoproteins of the gray matter of animal brain.
Biokhimiia 25 no.2:251-254 Mr-Ap '60. (MIRA 14:5)

1. Kafedra biologicheskoy khimfi Sanitarno-gigiyenicheskogo meditainskogo instituta, Leningrad.
(LIPOPROTEINS) (BRAIN)

### KUZ'MINA, S.N.

Structure of a lipoprotein in the white substance of the brain of animals. Vop. med. khim. 8 no.3:238-241 My-Je '62. (MIRA 15:7)

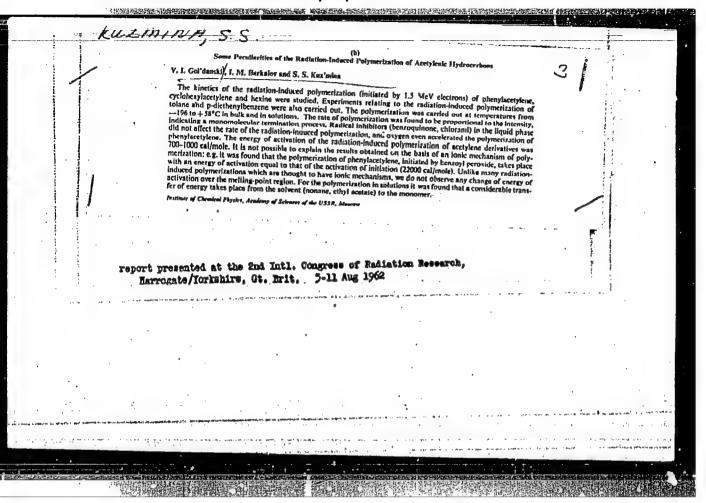
1. Kafedra biokhimii Leningradskogo sanitarno-gigiyenicheskogo instituta.

(BRAIN) (LIPOPROTEINS)

DAVYDOV, Yu.P.; POKROVSKIY, G.V.; KONDRAT'YEVA, N.B.; Primimali uchastiye: KUZ'MICHEV, M.D.; LOMONOSOVA, A.A.; KUZ'MINA, S.P.

Mechanical properties and the forgeability of alloys of the system aluminum - magnesium. Alium. splavy no.3:285-299 164.

Forgeability of peened magnalium-type alloys. Ibid.:300-312 (MIRA 17:6)



43240 S/844/62/000/000/077/129

D423/D307

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AUTHORS: Barkalov, I. M., Gol'danskiy, V. I., Dzantiyev, B. G. and

。 1985年,1985年,1988年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1986年,1

Kuz'mina, S. S.

TITLE: Radiation polymerization of acetylenic hydrocarbons

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimii. Ed. by L. E. Polak. Moscow, Izd-vo AN SCSR, 1962, 455-459

TEXT: The reaction kinetics and the mechanism of polymerization of phenylacetylene, hexene and cyclohexylacetylene were studied, in both bulk and dissolved monomers, between +80 and -1960C, initiating the polymerization by 1.5 Mev electrons. For bulk polymerization, the yields increased proportionally to the dose of radiation, indicating the absence of inhibitors. Atmospheric oxygen increased the yield of the phenylacetylene polymer, but not those of hexene and cyclohexylacetylene, owing to the absence of the phenyl group in the latter 2 compounds. The rate of polymerization velocity (V) is directly proportional to the radiation intensity (I) and not to Card 1/2

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Radiation polymerization of ...

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VI as is typical for vinyl monomers. Chain rupture is of a linear nature and is the most important feature of these reactions. The temperature dependence of V was relatively slight for all 3 monomers. Solutions in nonane and ethylacetate were also studied over a wide range of concentration; in all 3 monomers the yields of polymers differed sharply from those expected. A theory for this difference is proposed, substituting the clearly defined process of chain rupture by a single process of chain 'extinction' or 'damping', for which mathematical formulas are presented. This theory accounts for the low activation energy of radiation-induced polymerization of acetylenic hydrocarbons, and also explains the absence of any inhibiting action by oxygen. Mention is also made of the possibility of initiating the polymerization by peroxides. There are 3 figures and 1 table.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics, AS USSR)

Card 2/2

S/190/63/005/003/014/024 B101/B203

AUTHORS:

Barkalov, I. M., Gol'danskiy, V. I., Kotova, L. M.,

Kuz'mina, S. S.

TITLE:

Radiation polymerization of acetylene derivatives

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 5, no. 3, 1963, 375-377

TEXT: The radiation polymerization of hexyne-1, cyclohexyl acetylene, and octyne-1 up to 10-12% degree of conversion was studied by a method described earlier (Vysokomolek. soyed., 2, 1103, 1960). The results were compared with those obtained for phenyl acetylene. The rate of polymerization decreases in the order phenyl acetylene octyne hexyne, cyclohexyl acetylene, and is proportional to the first degree of Irradiation intensity. The polymer yield between -196 and 0°C is independent of the radiation dose. Admission of cxygen does not inhibit the process. A reaction sequence is suggested which corresponds to the degradational chain transfer:

(0)  $H \xrightarrow{k_0} R^*$ ; (1)  $H + R^* \xrightarrow{k_1} R^*$ ; (2)  $M + R^* \xrightarrow{k_2} RH + H^*$ ; (3)  $R^* + H^* \xrightarrow{k_3} ter$ mination; (4)  $H^* + H^* \xrightarrow{k_4} termination$ ; (5)  $R^* + R^* \xrightarrow{k_5} termination$ ; where

Card 1/2

Radiation polymerization of ...

S/190/63/005/003/014/024 B101/B203

R' = polymer radical: M' radical type R-C=C'; M = monomer. Since [R']  $\ll$  [M'], reaction (5) can be neglected. If termination occurs according to (3), W =  $(2 + k_1/k_2)k_0$  I[M] holds for the reaction rate, and  $v = 2 + k_1/k_2$  for the chain length. If termination occurs according to (4), W =  $(3 + 2k_1/k_2)k_0$  I[M] and  $v = 3 + 2k_1/k_2$ . The latter equation corresponds better to the experimental length. v = 10 - 13.  $k_1/k_2$  does not depend on the nature of the radical. The free valence of the polymer chain is situated on a link of the structure -CR-CR'. Owing to intense self-inhibition by the monomer, the inhibiting effect of  $0_2$  is not efficient. On the contrary, the yield increases in octyne-1 and phenyl acetylene in the presence of exygen due to the formation of the more active peroxide radicals. There are 1 figure and 1 table.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics AS USSR)

SUBMITTED: A

August 18, 1961

Card 2/2

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ACCESSION NR: AP5010838

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ACCOCIATION: Institut khimicheskov fiziki akademii nauk SSSP /Institute of the call regales, Academy of Schemes and 7
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KUZ'MINA, S.V.; NOSATFV, G.A.; SAZHIN, B.I.; FYDEL'NANT, M.P.

Use of the method of electroconductivity measurement for studying the kinetics of the block polymerization of styrene. Plast. massy no.4:67-70 '65.

(MIRA 18:6)

## KUZ'MINA, S.V. Spinal sensorial component of the lower mesenteric ganglion. Dokl. AN SSSR 153 no.3:731-732 N'63. (MIRA 17:1) 1. Institut biologicheskoy fiziki AN SSSR i Vtoroy Moskovskiy gosudarstvennyy meditsinskiy institut im. N.I. Pirogova. Predstavleno akademikom L.S. Shtern:

### KUZ MINA, S.V.

Sensorial neurons in the extramural ganglia of the vegetative nervous system. Dokl. AN SSSR 153 no.4:964-965 D 163.

(MIRA 17:1)

1. Institut biologicheskoy fiziki AN SSSR i Vtoroy Mc and skiy gosudarstvennyy meditsinskiy institut im. N.I. Pirogova. Predstavleno akademikom L.S. Shtern.

KUZ'MINA, S V.

Morphological basis of Sokovnin's phenomenon. Biul. sksp. biol. 1 med. 56 no.9.113-115 S '63.

(MIRA 17:10)

1. Iz kafedry pistologii (zav. - prof. T.A. Grigor'yevn) II Moskovskogo meditsirs'cogo instituta imeni N.I. Pirogova. Predstavlena
deystvitel'nym chlenom AMN SSSR A.V. Lebedinskim.

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### KUZ'MINA, S.V.

Structural organization of the inferior mesenteric ganglion. Arkh. anat. gist. i embr. 45 no.9251-58 S'63 (MIRA 17:3)

1. Kafedra gistologii ( zav. - prof. T.A. Grigor'yeva) 2-go Moskovskogo meditsinskogo instituta imeni N.I. Pirogova. Adres avtora: Moskva, G-48, Malaya Pirogovskaya ulitsa, 1, 2-y Gosudarstvennyy meditsinskiy institut. Kafedra gistologii i embriologii.

RUZ'HINA, J. Ya. Cand. Tech. Sci.

Dissertation: "Studying the Reactions of Matte Formation in Smelting Oxidized Nickel Ores." Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin, 2 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

KUZ'MINA, S.Ya.; BERUKSHTIS, G.K.

Atmospheric stability of lacquer and paint coatings in various elimatic regions. Trudy Enst.fiz.khim. 8:181-189 '60.

(MIRA 14:4)

(Lacquer and Lacquering)
(Corrosion resistant materials—Climatic factors)

《中华安全中的全国各种的国际人类为他的联络的国际的特征的科技型研究。对于李哲林中国

### 88546

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S/191/60/000/011/002/016 B013/B054

AUTHORS:

Zernova, K. I., Kirpichnikova, V. V., Kotrelev, W. N.,

Kuz'mina, S. Ya.

TITLE:

Aging of Polyethylene and Its Mixture and Polyisobutylene

Under Atmospheric Conditions

PERIODECAL:

Plasticheskiye massy, 1960, No. 11, pp. 4 - 8

TEXT: The present paper deals with the aging of polyethylene and its mixtures with polyisobutylene. Samples of ethylene and its mixtures with polyisobutylene at a ratio of 90:10 ((NoB-90) - POV-90), 67:33 (POV-67), and 50:50 (POV-50) were subjected to fatigue tests in the open air under different climatic conditions in the central part of the USSR, on the coast of the BarentsSea and of the Black Sea, and in Central Asia. The test conditions are sufficiently characterized by the meteorological data of the regions concerned (Table 1). Mechanical characteristics, fatigue strength and elongation, were determined, and thermomechanical properties as well as structural changes were studied. In all materials of the group mentioned,

Card 1/3

### 88546

Aging of Polyethylone and Its Mixtures With Polyisobutylene Under Atmospheric Conditions

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a noticeable deterioration of mechanical properties was observed during the tests: a decrease in strength and a considerable drop in relative elongation. A higher polyisobutylene content reduced the resistance of the polymeric mixture of atmospheric factors. It was found that higher temperatures accelerated the aging of the material, and that a continuous and intense exposure to sunlight greatly increased the degree of aging. Zhurkov's apparatus, modified by Kanavets (Ref. 2), was used to study the thermomechanical properties. The thermomechanical curves showed: 1) The range of elasticity was missing in all curves; 2) after two years of aging, the temperature of transition to the viscous state shifted slightly towards lower temperatures; 3) after aging the curves for all materials showed a character different from that before aging. This indicates the formation of reactive groups due to chemical changes during aging. The strong decrease in elongation, starting in all polyethylene - polyisobutylene mixtures after 6 - 8 months already, indicates the predominance of the destruction process during aging. The structural changes during aging were studied by infrared spectroscopy, and the formation of aldehyde groups was ascertained. Like other hydrocarbons, polyethylene oxidizes

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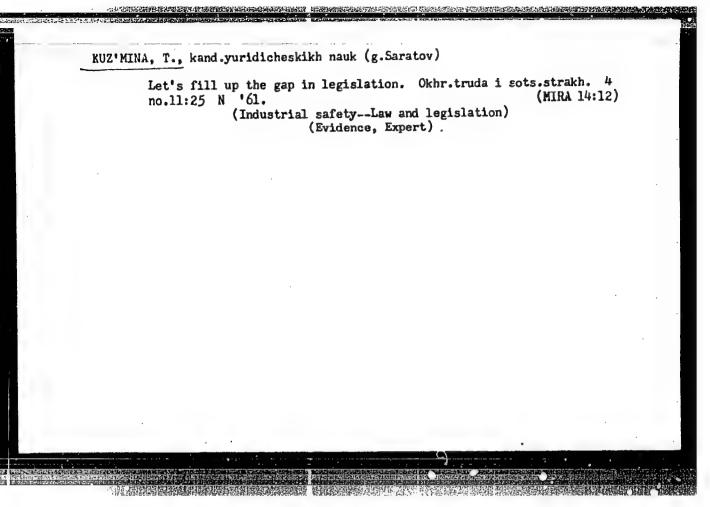
Aging of Polyethylene and Its Mixtures With Polyisobutylene Under Atmospheric Conditions

S/191/60/000/011/002/016 B013/B054

during aging with formation of peroxides which decompose and give secondary decomposition products, aldehydes, carbon dioxide, etc. (Ref. 1). The tests showed that polyethylene and its mixtures with polyisobutylene cannot be used longer than 3-4 months in the mentioned characteristic areas under atmospheric conditions (in the open air) because of their low resistance to solar radiation. There are 10 figures, 1 table and 4 Soviet references.

Card 3/3

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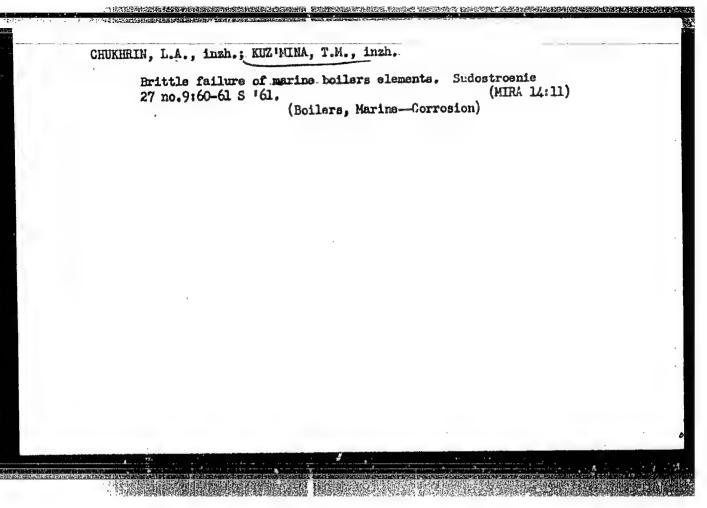
# Fibrin content of the blood in rheumatic patients. Zdrav. Bel. 9 no.8t/3-45 Ag¹63 (MIRA 17:3) 1. Iz kafedry propedevtiki vnutrennikh bolezney Minskogo meditsinskogo instituta (sav. - prof. I.D. Mishenin) i kafedry fakul'tetskoy terapii (zav. - prof. A.M. Davydov) Vitebskogo meditsinskogo instituta.

#### KUZ'MINA, T.K., vrach

Histamine skin test in peptic ulcer and cencer of the stomach. Sbor. nauch. rab. Sar. gos. med. inst. 44:237-239 164.

(MIRA 18:7)

1. Iz fakul'tetskoy khirurgicheskoy kliniki pediatricheskogo fakul'teta (zav. - prof. N.I. Golubev) Saratovskogo meditsinskogo instituta (rektor - dotsent N.R. Ivanov) na baze Dorozhnoy klinicheskoy bol'nitsy (nachal'nik - R.F. Nazarenko).



5.3300(B) 5.1190

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S/180/60/000/02/025/028 B071/B135

AUTHORS:

Katsobashvili, Ya.R., Kuz'mina, L., Likhobabenko, Kukhticheva, V.F., Levitskiv, E.A., Likhobabenko, Ya.R., Kuz'mina. T.N., Kurkova, N.S.

TITLE:

Mechanically Strong Aluminonickel Catalyst for the

Process of Destructive Hydrogenation 1

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Metallurgiya i toplivo, 1960, Nr 2, pp 159-164 (USSR)

ABSTRACT: The process of destructive hydrogenation of crudes and residues under a moderate pressure in a circulating stream of a catalyst developed by the Petroleum Institute of the Academy of Sciences USSR (Ref 1) requires the application of catalysts which are resistant to wear. An investigation of the influence of conditions of preparation of aluminonickel catalysts, containing 10% of nickel oxide, on their mechanical strength is described in the present paper. The experiments were carried out

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on a small and pilot plant scale. The precipitation of mixed and separate aluminium and nickel hydroxides from 2N solutions of nitrates or sulphates was done with sodium hydroxide, controlling the pH of the medium, temperature

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S/180/60/000/02/025/023 E071/E135

Mechanically Strong Aluminonickel Catalyst for the Process of Destructive Hydrogenation

of precipitation, ageing time of the precipitated hydroxides and, in the case of separate precipitation from sulphate salts, the amount of wash water on the The experimental residual content of sulphate ion. results obtained are given in tables: Table 1 gives the influence of pH of the medium during precipitation on the strength of the catalyst (experimental conditions: precipitation temperature 20 °C; ageing temperature 20 °C; washing with ammoniacal water at room temperature); Table 2 gives the influence of pH of the medium during precipitation on the strength of the catalyst (experimental conditions: duration of ageing 45 hours, pH during precipitation 9.6); Table 3 gives the influence of ageing on the mechanical strength of the catalyst (pH at the end of precipitation 9.6, precipitation and ageing at room temperature); Table 4 gives the influence of chemical composition on the content of sulphate ions in aluminonickel catalysts; Table 5 gives the properties of aluminonickel catalysts prepared by the method of separate

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8/180/60/000/02/025/028 E071/E135

Mechanically Strong Aluminonickel Catalyst for the Process of Destructive Hydrogenation

precipitation. The activity of the catalysts prepared was tested under standard conditions of destructive hydrogenation at a moderate pressure (Ref 1) of sulphurous Tuymazin crude oil and compared with that of an industrial aluminomolybdenum catalyst. The experimental results are given in Table 6. It was found that in respect of their activity aluminomickel catalysts are not inferior to industrial aluminomolybdenum catalyst Nr 7360: the yield of liquid products amounted to 87-90%, the yield of coke to 2.7-3.8% and the degree of desulphurization to 76-88%. It is concluded that aluminomickel catalyst prepared under optimum conditions possesses satisfactory mechanical properties and activity for the process of destructive hydrogenation under a moderate pressure (30 atm).

Card 3/3

N. 8 1

There are 6 tables and 7 references, of which 5 are Soviet, 1 is English and 1 is German.

KATSOBASHVILI, Ya.R.; KURKOVA, N.S.; LIKHOBABLNKO, V.S.; LEVITSKIY, E.A.;

RUZ'MINA, T.N.; KUKHTICHEVA, V.F.; MOSDLOVA, F.A.

Prepretation of mechanically strong catalysts based on aluminum exide. Trudy Inst. nefti 14:160-186 '60. (MIRA 14:5)

((Catalysts)

(Aluminum exide)

KUZ'MINA, T. N.

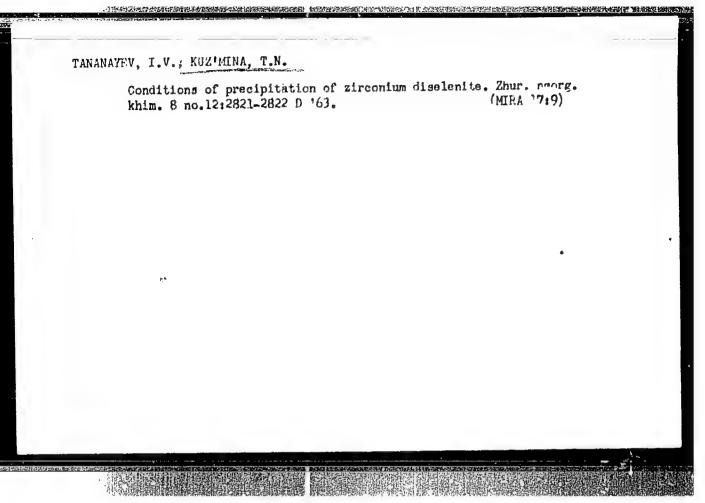
\*A Study of the Polymorphism of Unsaturated Fatty Acids C<sub>18</sub>, Acta Phys., 14, No.3, 1941

Lab. Dipole Moments, Phys. Chem. Inst. im. Karpov, Moscow

KATSOBASHVILI, Ya.R., KURKOVA, N.S.; LIKHOBABENKO, V.S.; LEVITSKIY, E.A.; KUZ'MINA, T.N.; KUKHTICHEVA, V.F.; LASOLOVA, F.A.

Effect of the conditions under which the hydroxide precipitates on the mechanical durability of aluminum oxide. Inv. AN SSSR. Otd. khim. nauk no.2:245-250 F '61. (MIRA 14:2)

l. Institut neftekhimicheskogo sinteza AN SSSR. (Alumina)



KUZMINA, T.P

137-58-4-6561

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 35 (USSR)

AUTHORS: Lisovskiy, D.I., Kuz'mina, T.P.

TITLE: Kinetics of the Reduction of Free Carbon Monoxide and Carbon

Monoxide Chemically Bound in Cobaltous Silicates (Kinetika vosstanovleniya svobodnoy i svyazannoy v silikaty zakisi

kobal'ta okis'yu ugleroda)

PERIODICAL: Sb. nauchn. tr. Mosk. in-t tsvetn. met. i zolota i VNITO

tsvetn. metallurgii, 1957, Nr 26, pp 94-107

ABSTRACT: The kinetics of the reduction of the oxides and silicates of

Co, oxidized Ni ore, and converter slag by synthetic water-jacket gas, are studied. In all these cases except that of converter slag, reduction starts at 700°C and is accelerated by increase of temperature. The process goes most effectively for cobalto-cobaltic oxide at temperatures in excess of 900°, while for cobaltous monosilicate it goes best at 1100°. The presence of FeO, SiO<sub>2</sub>, NiO, and CaO reduces the rate of reduction of cobaltous monosilicate. Converter slag reduces at

9000, while at 11000 the process is slowed by the fusion of the Card 1/2 slag. The rate of reduction of the slag is in inverse order to

137 - 58 - 4 - 6561

Kinetics of the Reduction (cont.)

its grain size. The addition of 50% CaO to oxidized Ni ore and converter gas slows the reduction thereof.

L.P.

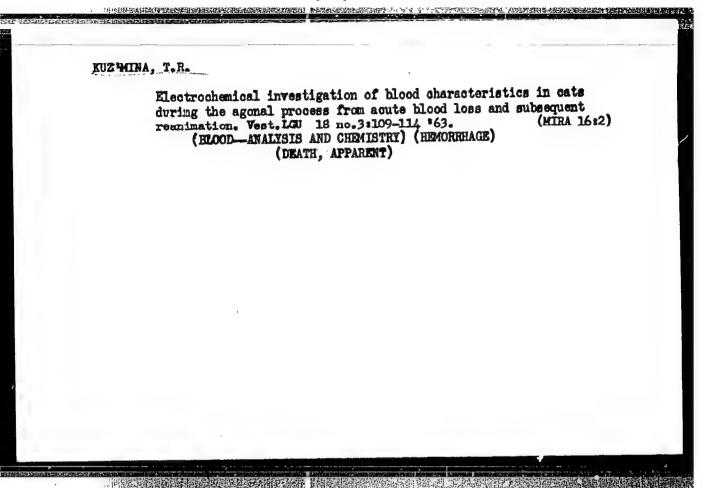
1. Oxides--Reduction--Kinetics 2. Silicates--Reduction--Kinetics

Card 2/2

#### KUZ'MINA, T.R.

Effect of negative air ionization on the pH of blood in the resuscitation of animals. Nerv. sist. no.5:140-143 (MIRA 18:3)

l. Kafedra fiziologii cheloveka i zhivotnykh Leningradskogo gozudarstvennogo universiteta.



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KUZ 'MINA, T. S.

42676. MAKSIONOVICH, M. I., LEONOVA, N. A. i KUZ MINA, T. S. K Ediologii Grippoznov Vsryshki 1946 G. V Tashkente. Autorezerat. Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, 1948, No 12, s. 76-77.

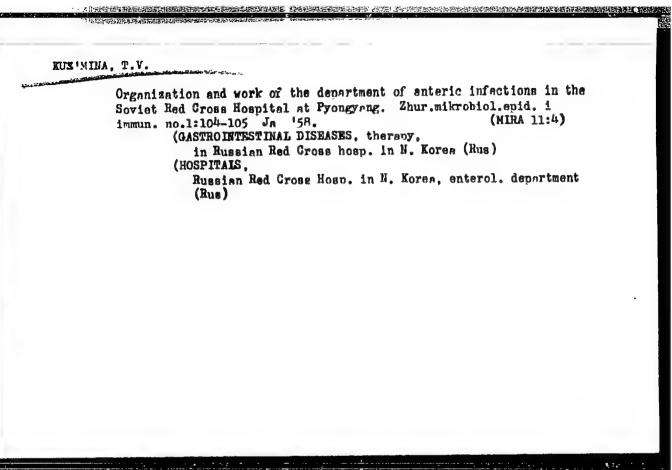
SO: Letopis'Zhurnal'nykh Statey, Vol. 7, 1949.

BARKOV, N.N., kand. ekon. nauk; Prinimali uchastiye: PONOMAREV, S.A., inzh.; YELISEYEVA, T.V., inzh.; MOLYARCHUK, G.V., kand. ekon. nauk; IVANOV, L.N., inzh.; KASHCHEYEVA, I.N., inzh.; LEGORNEVA, V.I., inzh.; KUZ'MINA, T.T., inzh; INOZEMISEVA, K.N., inzh.; YANDOLOVSKIY, N.A., inzh.; PAVLOVA, Ye.A., starshiy tekhnik; VOLKOVA, L.S., starshiy inzh.; GAZAR'YAN, G.S., tekhnik; VOROB'YEVA, L.V., tekhn. red.

[Seasonal and weekday variations in railroad freight transportation]. Seasonaia i vnutrinedel naia neravnomernost gruzovykh perevozok na zheleznykh dorogakh. Moskva, Transzheldorizdat, 1963. 95 p. (Moscow. Vsesoiuznyi nauchno-issledovatel skii institut zheleznodorozhnogo transporta. Trudy, no. 249).

(MIRA 16:4)

(Railroads-Freight)



KUZ MINA, V., skrutchitsa

Pledge is fulfilled. Okhr. truda i sots. strakh. 6 no.11:9 N 163. (MIRA 16:11)

1. Obshchestvennyy inspektor po okhrane truda, zavod "Elektrokabel'", g. Kol'chugino Vladimirskoy obl.

SHIBANOV, N.; KUZ'MINA, V.; NIKOLAYEVA, Ye.

In heat and in cold... Sov. profsoluzy 19 no.21:46-48 N '63. (MIRA 17:1)

1. Sotrudniki Instituta gigiyeny truda i professional'nykh zabolevaniy AHN SSSR.

### S/214/62/000/004/003/004 I046/I246

AUTHORS: Kug'mina, V.A., Nevel'skiy, A.V. and Shukstova, Z.N.

TITLE: Photometry of the solar corona on February 15, 1961

SOURCE: Solnechnyye dannyye, no. 4, 1962, 68-77

TEXT: Coronal isophots were determined on a tubus photometer from 8 photographs of the sun taken near Sverdlovsk with HAPA -6/50 (NAFA-6/50) camera (exposures 1/175 and 1/18 sec) at h-5500 m a.s.l. during the eclipse of February 15, 1961, and 5 photographs of the moon taken from the ground on April 3, 1961 between 19h47m and 20h02m. The oblateness of the corona increases rapidly near the limb attaining its maximum (0.20) at a distance of 0.25r from the limb and gradually decreasing thereafter to 0.10. The average surface luminance of the corona varies with the

Card 1/2

S3214/62/000/004/003/004 I046/1246

Photometry of the solar ...

distance from the center of the sun as B = 0.129r<sup>-7.97</sup> for  $r \le 1.4r$ , and B = 0.056r<sup>-5.74</sup> for r > 1.4r. The integral luminance of the corona in units of sun's luminance is  $E_c/E = 8.58.10^{-7}$  for  $r \le 1.4r$ , and  $E_c/E = 6.53.10^{-7}$  for r > 1.4r. The structural and the photometric features of the February 15, 1961 corona are very much like those of February 25, 1952 and June 30, 1954 corona. There are 5 figures and 4 tables.

ASSOCIATION: Kafedra astronomii i geodemii Ural'skogo gosudarstvennogo universiteta (Department of Astronomy and Geodesy of the Ural State University)

Card 2/2

ACC NR: AT7003860 (A) SOURCE CODE: UR/3241/65/002/000/0116/0120

AUTHOR: Shubin, Ye. M. (Candidate of technical sciences); Kuz'mina, V. A.; Shubina, L. N.

ORG: none

TITLE: Defining the production technology of cheese paste from buttermilk

SOURCE: Krasnodar. Nauchno-issledovatel'skiy institut pishchevoy promyshlennosti. Trudy, v. 2, 1965, 116-120

TOPIC TAGS: food technology, processed animal product, food product machinery

ABSTRACT: On the basis of previous information and the results of laboratory tests, the Tikhoretsk cheese factory, which is equipped with a special production line for condensed buttermilk milk products, started to produce experimentally cheese paste from condensed buttermilk. The results of this experiment are presented in detail in the original article. Tests verified and improved the composition of the raw material for making cheese paste, the basic characteristics of

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# ACC NR: AT7003860

the finished product, the cooling conditions and the preservation qualities. The cheese paste produced was found to satisfy all requirements of quality and taste. The technical specifications instructions for manufacture and cost estimates for the cheese paste were determined and approved. The Tikhoretsk cheese factory, is presently equipped with special machinery to produce condensed buttermilk products including cheese paste. The participation of the Scientific associate I. G. Lopatina and N. I. Seredich in the study is acknowledged. Orig. art. has: 1 figure and 4 tables.

SUB CODE: 06 /SUBM DATE: none/ORIG REF: 004/

Card 2/2

GARNISH, A.M.; SHAFRANSKIY, L.M.; DANILOVA, A.G.; KUZ!MINA, V.A.; Prinimali uchastiye: ZVEZDINA, E.A.; ISHCHERIKOVA, G.A.

Obtaining acrolein from a propane-propylene fraction, Nefteper, i neftekhim. no.10:26-28 '63. (MIRA 17:2)

1. Novokuybyshevskiy filial Nauchno-issledovatel skogo instituta sinteticheskikh spirtov.

OSLON, N.L.; KOKHMAN, L.V.; CHEMERINSKAYA, R.I.; BURGANOVA, V.A.; KUZ'MINA, V.A.

Investigating the effect of ingot metal density on the quality of internal pipe surfaces made of ShKhl5 steel. Stal' 24 no.6:529-530 Je '64. (HIRA 17:9)

1. Permskiy politekhnicheskiy Institut i Pervoural†skiy Novotrubnyy zavod.

Name: KUZ'MINA, Vera Dmitriyevna

Dissortation: Dramaturgy and Theatricel art in Russian Munici-

pal democratic theaters of the 18th century

(study and texts)

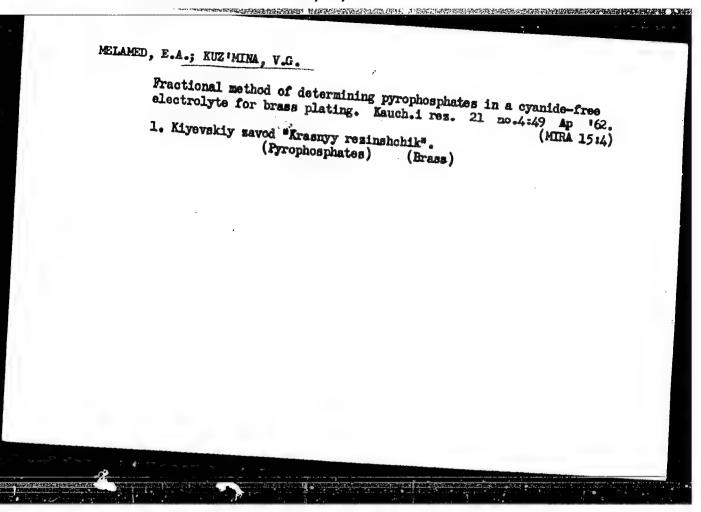
Degree: Doc Philological Sci

Affiliation: Inot indicated ]

Dofense Date, Place: 23 Nov 56, Council of Inst of World Literature, imeni Gor'kiy, Acad Sci USSR

Certification Date: 23 Mar 57

Source: BMV0 14/57



GORSHKOV, M.P., nauchnyy sotr.; KOLYCHEV, L.I., nauchnyy sotr.;
KOTOV, G.G., nauchnyysotr.; KUZ'MINA, V.I., nauchnyy sotr.;
RUMYANTSEVA, A.V., nauchnyy sotr.; SELINA, N.G., nauchnyy
sotr.; CHEREPKOVA, I.V., nauchnyy sotr.; POTAPOV, Kh.Ye.,
red.; OVCHINNIKOV, N.G., red.; PONCMAREVA, A.A., tekhn. red.

[Raising the level of the development of collective farm operation] Povyshenie urovnia razvitiia kolkhoznogo proizvodstva.
Moskva, Izd-vo ekon. lit-ry, 1961. 236 p. (MIRA 15:2)

1. Moscow. Vsesoyuznyy nauchno-issledovatel skiy institut ekonomiki sel'skogo khozyaystva. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva (for Gorshkov,
Kolychev, Kotov, Rumyantseva, Selina, Cherepkova, Kuz'mina).

(Farm management)

8/123/62/000/023/004/006 A004/A101

**AUTHORS:** 

Sviderskaya, Z. A., Barsukova, T. A., Kuz'mina, V. I., Bochvar, N.R.

中心上于1800年的1900年的

TITLE:

TEXT:

The properties of aluminum alloys containing lithium

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 23, 1962, 17, abstract 23A122 (In collection: "Issled. splavov tavetn. metallov". 3. Moscow, AN SSSR, 1962, 75 - 85)

The authors present the results of investigating the effect of Li-

additions (2 - 3%) on the properties of binary, ternary and more complex aluminum alloys. It is shown that, if the Li-concentration is increased to 2 - 3%, the strength characteristics of Al-Cu-Li alloys decrease with a simultaneous drop of elongation. The addition of Mn to these alloys increases both the strength and the elongation. Alloys containing Mn possess best properties at elevated temperatures. Thus the long-life strength  $\sigma_{100}$  of Al-alloys containing 4% Cu, 2% Li and 0.6% Mn amounts to 13 kg/mm<sup>2</sup> at 250°C. There are 18 references.

[Abstracter's note: Complete translation]

Card 1/1

SVIDERSKAYA, Z.A.; KADANER, E.S.; TURKINA, N.I.; KUZ'MINA, V.I.

Boundary of the solid solution region in the aluminum corner of the system aluminum - manganese - lithium. Hetalloved. i term. obr. met. no.12:2-6 R'63. (MIRA 17:2)

KUZ 'MI NA, V.I.

Medical equipment of the seven-year plan, Zdorov'e 5 no.11: 16-17 N '59. (MIPA 13:3) (MEDICAL INSTRUMENTS AND APPARATUS)

DRITS, M. Ye. (Moskva); SVIDERSKAYA, Z. A. (Moskva); KUZ'MINA, V. I. (Moskva)

Effect of iron, silicon, and manganese ox the properties of alum's war-copper-lithium alloys. Isv. AN SSSR. Otd. tekh. nauk. Met. i topl. mo.6:150-158 N-D '62.

(MIRA 16:1)

(Aluminum-copper-lithium alloys—Testing)

ANDRUSHCHENKO, A.G.; BEREZKINA, O.A.; KUZ'MINA, V.I.; OZEROVA, G.M.; PAL'CHIKOVA, A.P.; TSARIN, A.P.; TIMOFEYEV, L.N.; NIKITIN, G.A., krayeved; GARMASH, P.Ye., red.; FISENKO, A.T., tekhn. red.

[Alupka; an excursion sketch; its nature, history, sanatoriums, the palace-museum, its park, and an information directory] Alupka; ekskursionnyi ocherk: priroda, istoriia, zdravnitsy, dvorets-musei, park, spravochnye svedeniia.

Simferepol', Krymisdat, 1963. 78 p. (MIRA 16:10)

L 08137-67 EWT(m)/EWP(v)/EWP(j) IJP(c) WW/RM
ACC NR: AP6029270 (A) SOURCE CODE: UR/0323/66/000/003/0038/0042
AUTHOR: Kotov, M. P. (Doctor of Technical Sciences, Professor); Sorokina, N. S. (Candidate of Chemical Sciences, Docent); Kharlashkin, V. I. (Engineer); Kuz'mina, V. I. (Engineer); Petrova, T. A. (Engineer); Bulgakov, P. M. (Engineer)
ORG: Kiev Technological Institute for Light Industry (Kiyevskiy tekhnologicheskiy 8 institut legkoy promyshlennosti)
TITLE: Technological conditions for preparing and applying thermoplastic adhesive KTILOL-11 in beading parts of shoe uppers
SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 3, 1966, 38-42
TOPIC TAGS: A footgear, adhesive, water repellant lubricant / 177101-1/ ADHESIVE
ABSTRACT: The new adhesive KTILOL-11 is prepared by mixing and heating to 190-200°C 50% polyamide 51 with 18-30% modified alkyd, 1-8% plasticizer KPT and 27-18% novolac type phenol-formaldehyde resin. The alkyd is previously modified by heating, with removal of water, to an acid number not over 30 and a melting point not below 60°. Such compositions containing no more than 21% alkyd and 6% plasticizer are suitable for making adhesive coated strands which can be coiled without sticking. The adhesive-coated threads of 1.0-1.2 x 10 <sup>-3</sup> m diameter were made by passing cotton thread through the molten adhesive and through a die. Various waterproofing compositions were tried
Cord 1/2

· L 08137-67

ACC NR: AP6029270

to keep the threads from sticking during storage. A 5% solution of stearic acid in mixed solvent (5 parts by weight mineral oil, 95 kerosene) prevented sticking for two days; coating with mineral oil alone also helped somewhat. Other precautions in making the adhesive-coated strands: the resin composition should not be overheated during preparation; sufficient time for cooling the adhesive on the thread is needed—the take-up spool should be not less than 2 meters from the die; optimum rate is 20-25 rev/min. L. N. Zavel'gel'skii. Senior Engineer of the "Burevestnik" factory took part in the work. Orig. art. has: 2 tables.

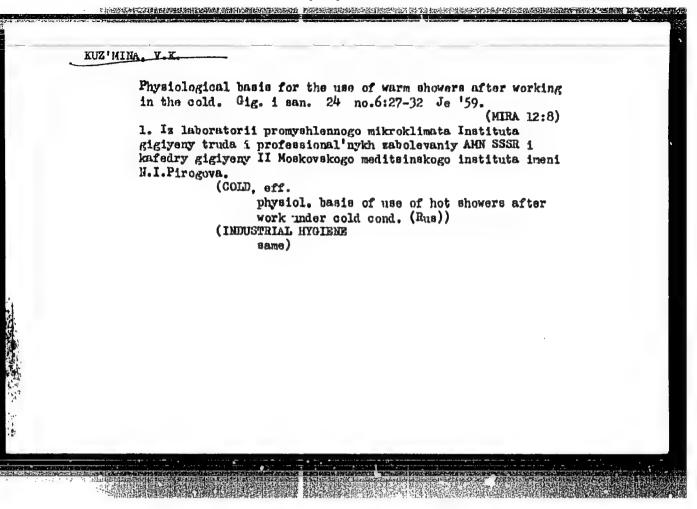
SUB CODE: 11, 13/ SUBM DATE: 20Jan66/ ORIG REF: 004

Cord 2/2 nst

KUZ'MINA, V.K.; PRAVOVEROV, K.N.; SHTEYNBERG, Ya.G.

Calculating infrared systems of heating taking into consideration

physiological characteristics. Nauch. trudy AKKH no.23:71-81 '63. (MIRA 17:12)



KUZ'MINA, V.K. (Moskva)

Sanitary and hygienic labor conditions in large-panel construction during the winter season. Gig. truda i prof. zab. 4 no.1: 13-18 Ja 160. (MIRA 15:3)

l. Laboratoriya promyshlennogo mikroklimata Instituta gigiyeny truda i professional'nykh zabolevaniy AMN SSSR i kafedra gigiyeny II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS)

# Setting standards for local radiant heating during work performed in the cold. Gig. truda i prof. zab. 4 no.ll: 29-34 N '60. (MIRA 15:3) 1. II Moskovskiy meditsinskiy institut imeni N.I. Pirogova i Institut gigiyany turda i professional'nykh zabolevaniy AMN SSSR. (RADIANT HEATING) (BODY TEMPERATURE)

KUZ'MINA, V.K.

Hygienic evaluation of the radient cooling system of buildings in the summer at the Tskhaltubo Health Resort. Gig. i san. 25 no. 5:21-25 My 160. (MIRA 13:10)

1. Iz Instituta gigiyeny truda i professional nykh zabolevaniy AMN SSSR i kafedry gigiyeny II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova. (TSKHALTUBO—AIR CONDITIONING)

### KUZ'MINA, V.K., assistent

Sources of local radiant heating. Gig. 1 san. 25 no. 6:87-89 Je 160. (MIRA 14:2)

l. Iz kafedry gigiyeny II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova i Instituta gigiyeny truda i professional'nykh zabolevaniy AMN SSSR. (RADIANT HEATING)

### KLYUGIN, S.A.; KUZ'MINA, V.K.

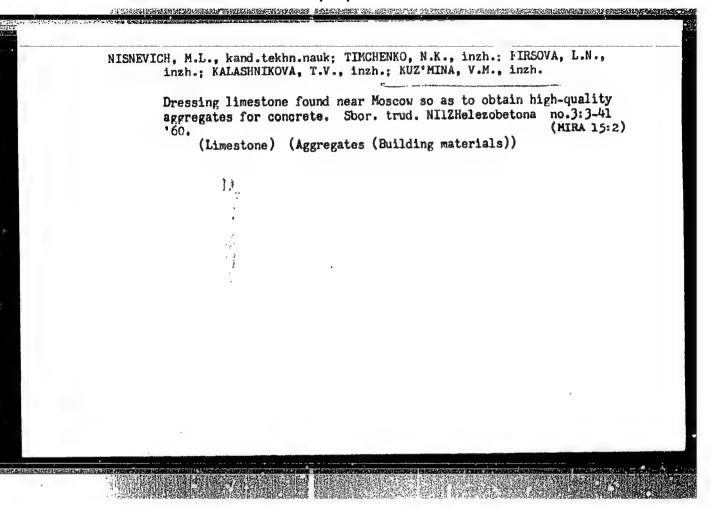
Determination of the thermal insulating properties of clothing. Gig.i san. 25 no.7:60-63 Jl '60. (MIRA 14:5)

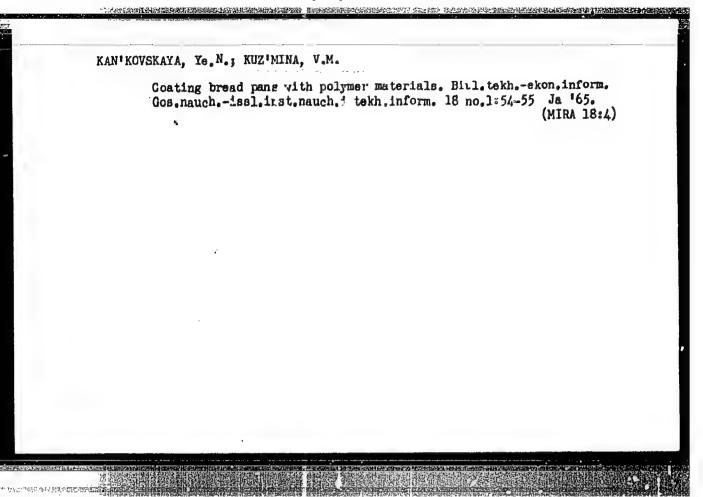
1. Iz Instituta gigiyeny truda i professional nyth zabolevaniy AMN SSSR i kafedry gigiyeny II Moskovskogo meditainskogo instituta imeni N.I. Pirogova. (CLOTHING, COLD WEATHER)

DUBINSKAYA, I.D., mladshiy nauchnyy sotrudnik; KUZ'MINA, V.K., starshiy nauchnyy sotrudnik

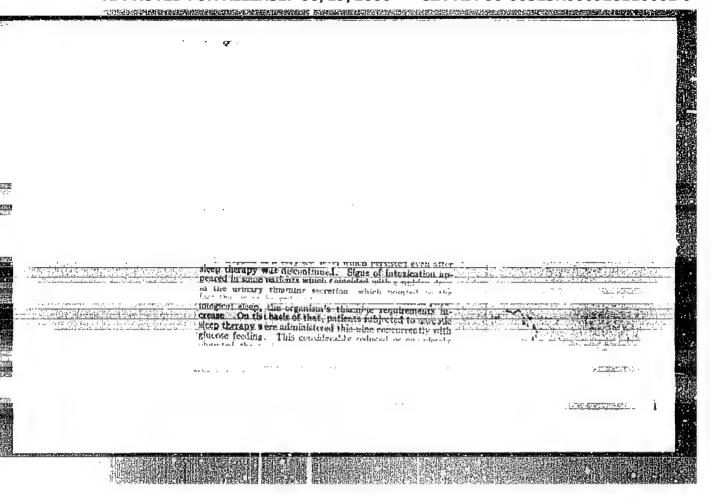
Use of some physiological methods of research for the hygienic evaluation of the agricultural work of school children. Gig. i san. 27 no.3:28-34 Mr '62. (MIRA 15'4)

1. Iz Instituta gigiyeny detey i podrostkov AMN SSSR.
(SCHOOL CHILDREN) (AGRICULTURE—HYGIENIC ASPECTS)





### "APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928110001-9



### "APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928110001-9

Izucheniye Funktaional'ney Sposobnosti Serdtsa Sportsmenov

Po Dannym Minutnogo I Udarnogo Obwyema Krovi. N., 1954. 16s. 22sm. (Gos. Tsentr. Ordena Lenina In-T Fiz. Kul'tury Im. I. V. Stalina)

Mathin, V. H.

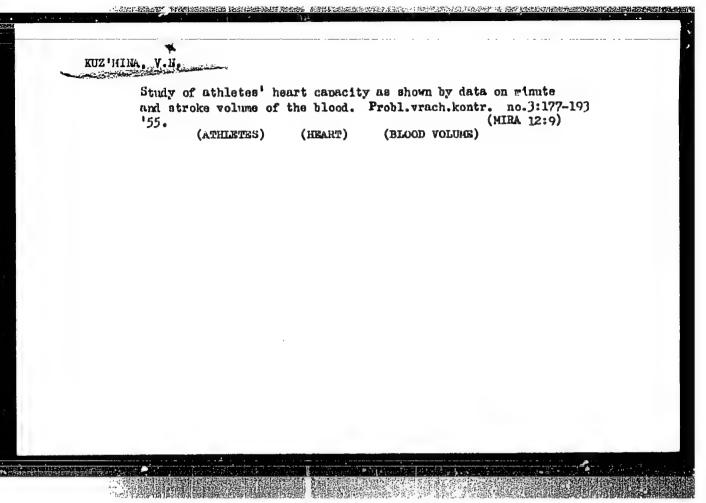
SO: Knizhamya Letopis' 1, 1955

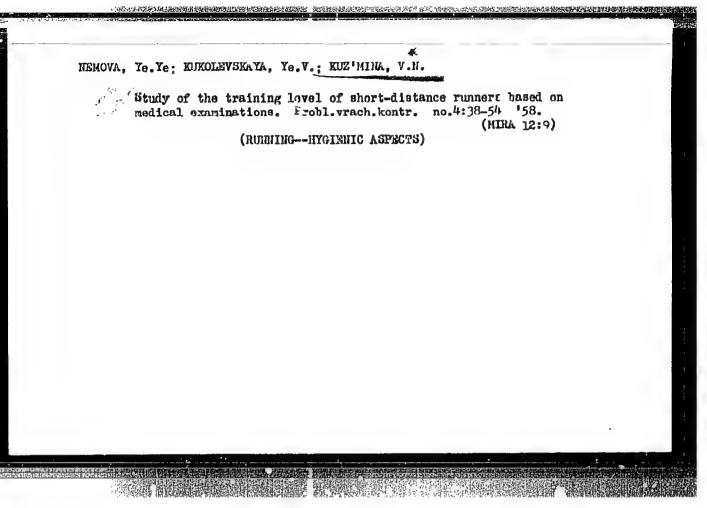
KUZ'MINA, V. N.

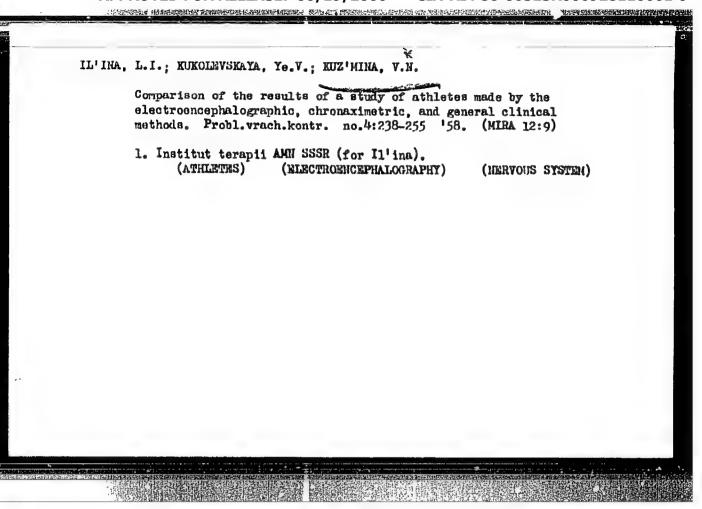
"Study of the Functional Capacity of the Hearts of Athletes According to Data on the Momentary and Pulse Volume of the Blood." Cand Med Sci, State Central Order of Lenin Inst of Physical Culture imeni I. V. Stalin, Moscow, 1954; Inst of Physical Culture and Sport imeni V. I. Lenin. (KL, no. 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55

### "APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000928110001-9





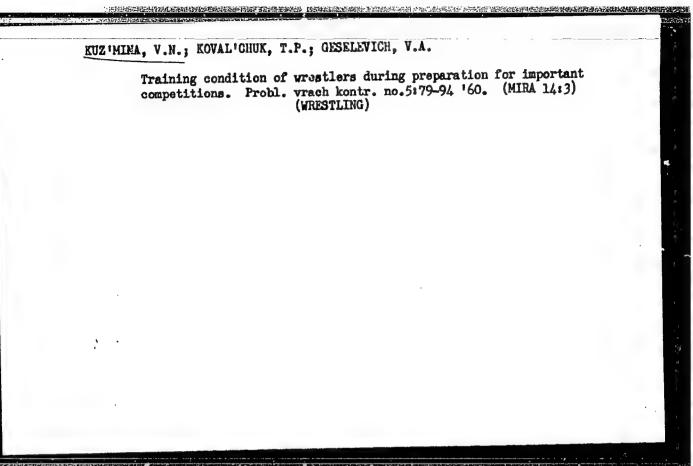


STEET TELEPOLETINES OF THE ENTREMENT OF THE STEET OF THE

IL'INA, L.I. KUZ'HINA, V.H.

Changes in the optic and motor chronaxia of athletes after various training loads. Probl.vrach.kontr. no.4:256-267 (HIRA 12:7)

1. Institut terapii AMN SSSR (for Il'ina).
(ATHLETES) (CHRONAXIA)



### "APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000928110001-9

KUZ MINA, V. T.

3-8-28/34

AUTHOR:

Tulayeva, A.G., Dotsent, Candidate of Chemical Sciences

Kleshcheva, G.V., Kuz'mina, V.P.

TITLE:

A Textbook Required by Future Teachers (Uchebnik, nuzhnyy

budushchim uchitelyam)

PERIODICAL:

Vestnik Vysshey Shkoly, 1957, # 8, pp 87-89 (USSR)

ABSTRACT:

The article is a review of a textbook "Foundations of Physical and Colloidal Chemistry" (Osnovy fizicheskoy i kolloidnoy khimii) by S.A. Balezin and G.S.Parfenov, approved by the RSFSR Ministry of Education for use at pedagogic institutes. It is pointed out that there was an actual need for such a textbook and that it was warmly welcomed. More than 6 months have since passed, and there is no doubt that the book has greatly assisted students in mastering the complicated physico-chemical regularities. Students have made better progress this year, and their knowledge has greatly increased. The article enumerates a few deficiencies and mistakes but points out that they do not lessen the general value of the book. The article contains I Russian reference.

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(GENITOURINARY ORGANS\_TUBERCULOSIS)

TEMPRY 'YEV, A.V.; MCREV, A.N.; GUSEV, P.I.; CHERETSHOW, I.G., redaktor;

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